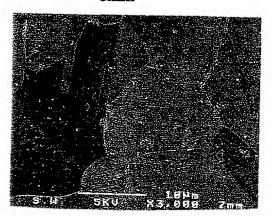


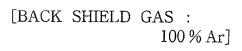
 $5 \mathrm{mm}$

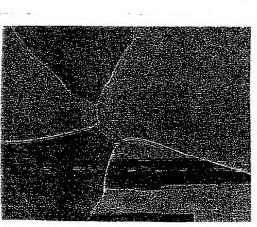


3mm

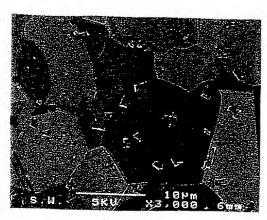


WELDED PART





3 mm



5 mm

UPSTREAM

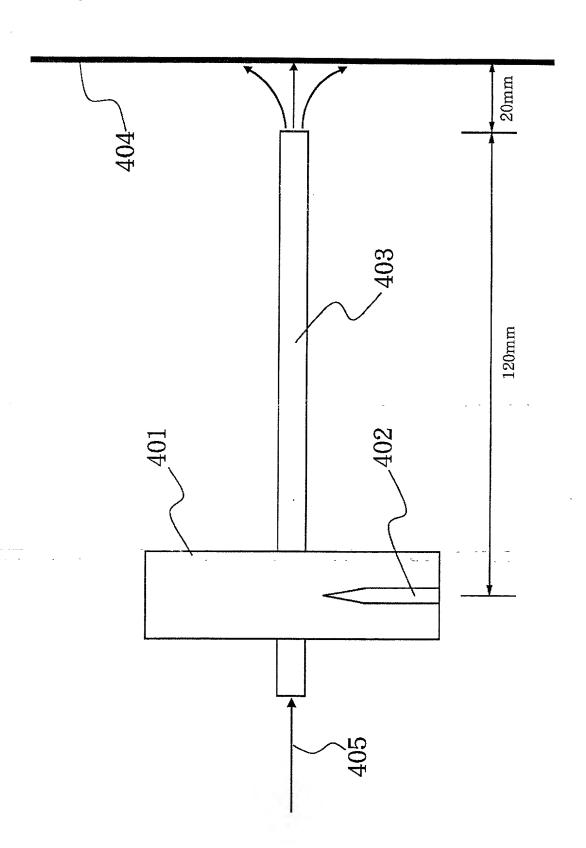
Link first second construct the first street projection in the first street of the first street to the fir

PARTICLE MEASUREMENTS AT WELDED PARTS

AT WELDING COMDITIONS (30rpm \times 1rev. BEAD WIDTH 1mm) 9 WELDED SPOTS

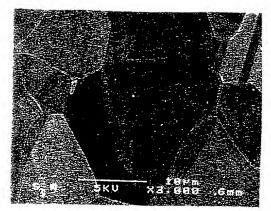
FLOW RATE: 0.1cf/min (U $-\,\rm N_2)$, PARTICLE MEASUREMENT: 0.1 μ m OR LARGER

BASE METAL	STAINLE	NLESS STEEL TUBU SUBJECTED TO FLUGRIED PASSIVATION TREATMENT	JECTED TO FLUORIE	O PASSIVATION TRE	ATMENT	REGULAR STAINLESS STEEL
	NO WELDING	CONVENTIONAL WELDING METHOD	WELDING AFTER FILM REMOVAL WITH HOT WATER (80°C)	WELDING AFTER FILM REMOVAL WITH 0. 5%HF/ 10%H ₂ O ₂	WELDING METHOD WITH 5% ADDED H ₂	CONVENTIONAL WELDING METHOD
NO HAMMERING (10min)	0	0	0	0	0	0
WITH HAMMERING (10min)	0	09	0	0	0	0

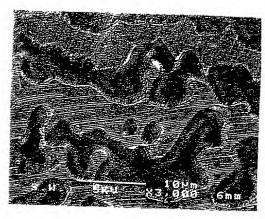




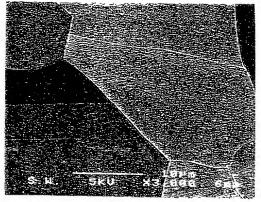
5mm



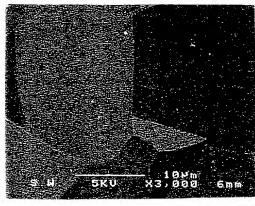
3 mm



WELDED PART



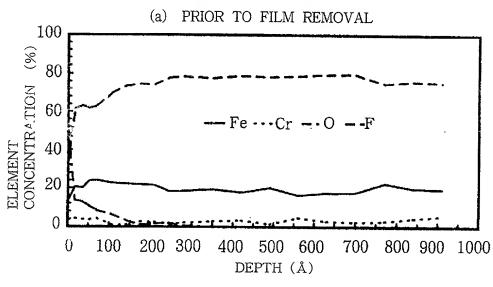
3mm

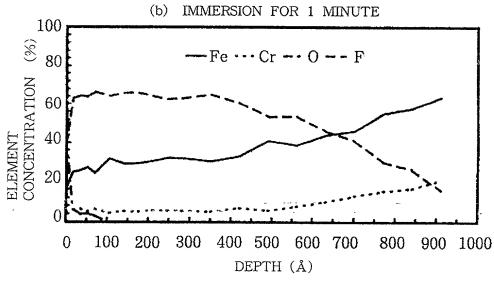


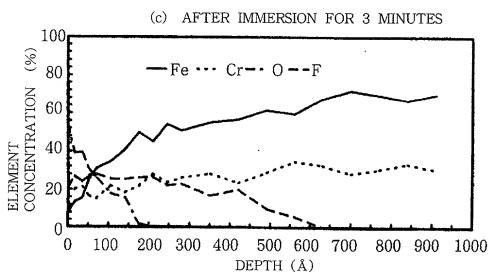
 $5 \mathrm{mm}$ UPSTREAM

[BACK SHIELD GAS : 5% H₂/Ar]

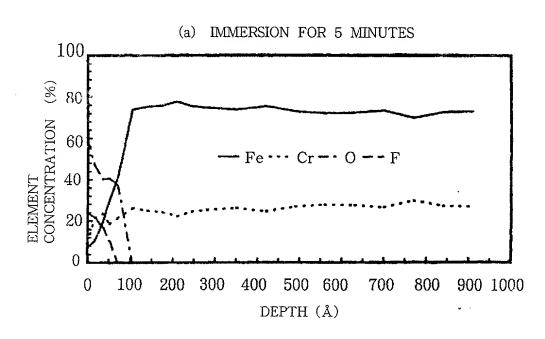
REMOVAL OF FLUORIDE PASSIVATED FILM USING HOT WATER $(80\,^{\circ}\text{C})$







REMOVAL OF FLUORIDE PASSIVATED FILM USING HOT WATER $(80\,^{\circ}\text{C})$



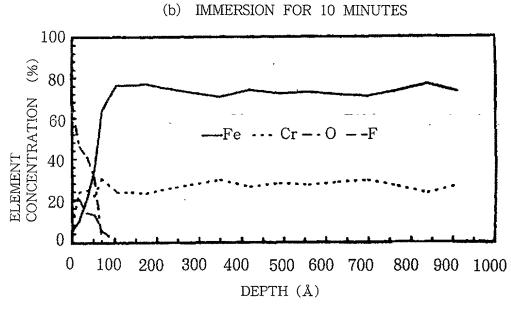
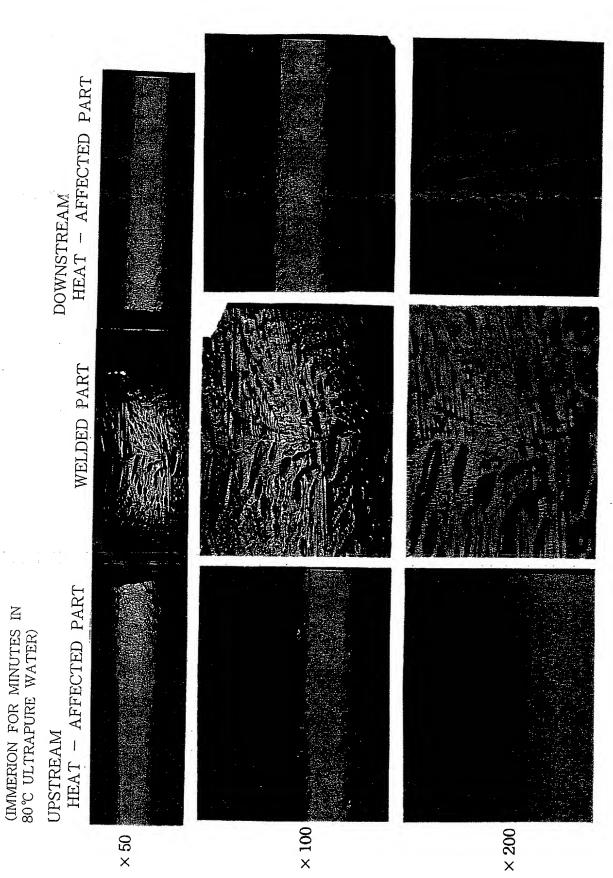
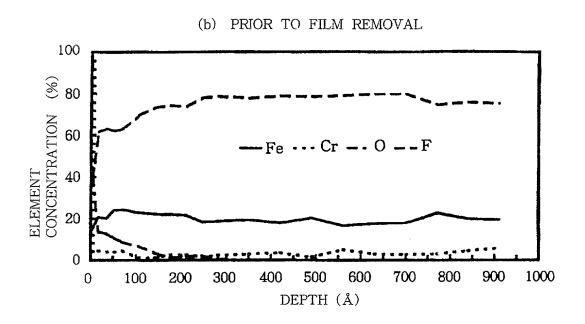


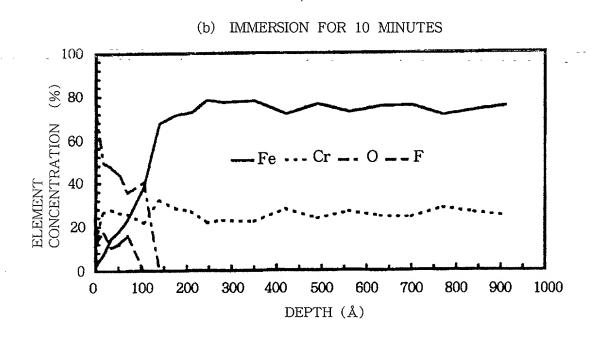
Fig. 8

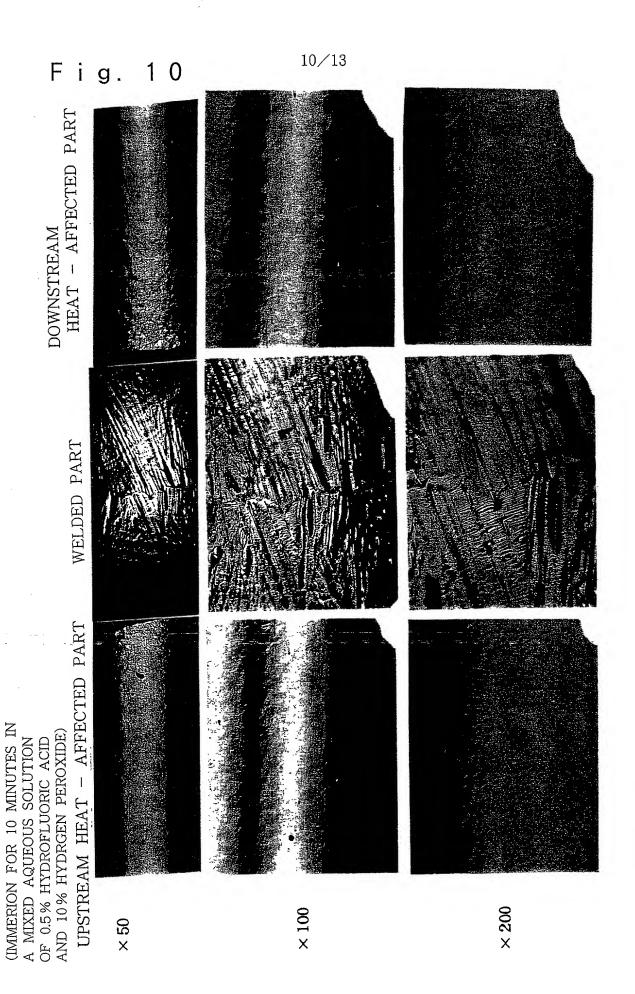


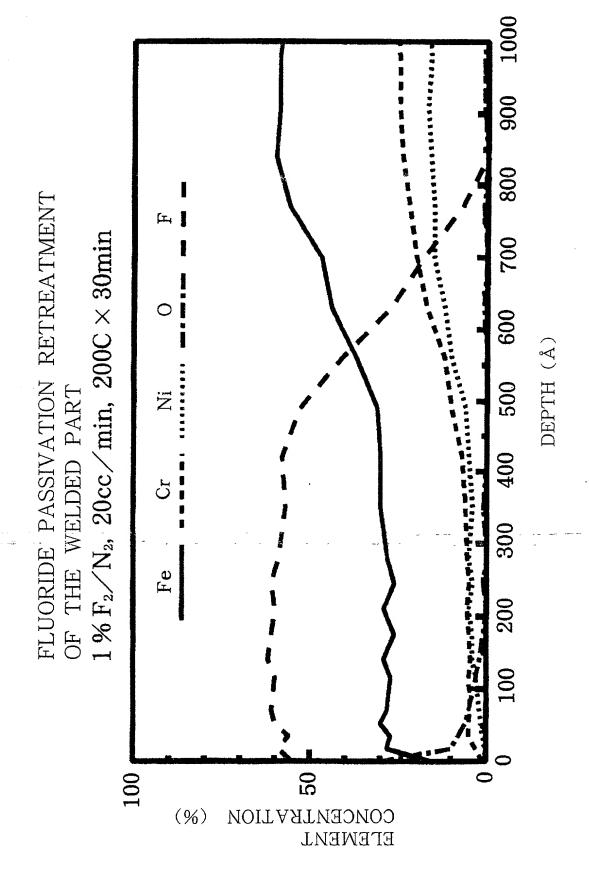
house going and some when the stand going going they have seen the stand going going the stand going going

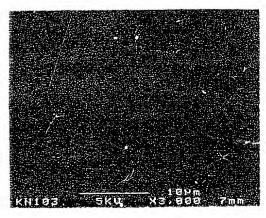
REMOVAL OF PASSIVATED FILM USIMG A MIXED AQUEOUS SOLUTION OF 0.5 % HYDROFLUORIC ACID AND 10 % HYDROGEN PEROXIDE



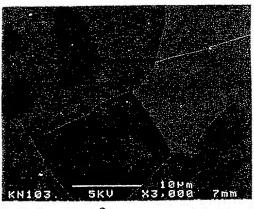




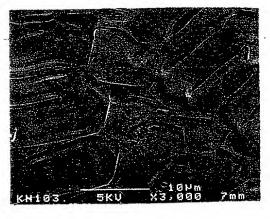




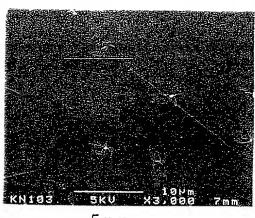
5mm



3mm



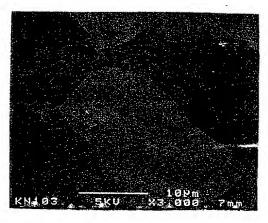
WELDED PART



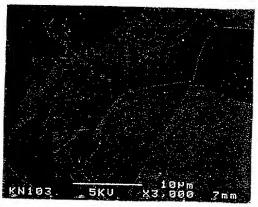
3mm

5mm UPSTREAM

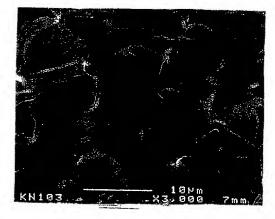
[BACK SHIELD GAS : $0.1\,\%\,H_{2}/A_{\Gamma}$]



5mm



3mm



WELDED PART



3mm

[BACK SHIELD GAS : $0.5\,\%\,H_2/Ar$]